



MATERIAL SAFETY DATA SHEET

PPS PACKAGING COMPANY**SECTION I - MATERIAL IDENTIFICATION AND USE**

MATERIAL NAME: #300 SUBMARINE SEALER & 303
MANUFACTURER NAME: PPS PACKAGING COMPANY
3189 E. MANNING AVENUE
FOWLER, CA 93625-0427
EMERGENCY PHONE #: (209) 834-1641
CHEMICAL FAMILY: MIXTURE
MATERIAL USE: ASPHALT COATING

SECTION II - HAZARDOUS INGREDIENTS

<u>CHEMICAL NAME</u>	<u>OSHA-PEL</u>	<u>ACGIH-TLV</u>	<u>LD50-LC50</u>	<u>%WT</u>
MINERAL SPIRITS CAS # 8052-41-3	100 PPM	100 PPM 525 MG/M3	ND	15-40

CARCINOGEN: NO
SARA TITLE III, SECT. 313 REPORTABLE: NO

HIGH FLASH NAPHTHA CAS # 64742-95-6	50PPM	ND	ND	1-5
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CARCINOGEN: NO
SARA TITLE III, SECT. 313 REPORTABLE: NO

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: 315° F VAPOR PRESSURE (MM): 25° C 2MM
VAPOR DENSITY (AIR=1): > 1 MELTING/FREEZING POINT: N/A
SPECIFIC GRAVITY/DENSITY (G/ML): 1.1
EVAPORATION RATE (BUAC=1): < 1 SOLUBILITY IN WATER: NIL
%VOLATILE BY VOLUME: 20-40 PH: NA
COEFFICIENT OF WATER/OIL DIST: ND ODOR THRESHOLD (PPM): ND
APPEARANCE, PHYSICAL STATE, ODOR: COARSE BLACK LIQUID, SOLVENT ODOR

SECTION IV - FIRE AND EXPLOSIVE DATA

FLASH POINT: 105° F PMCC UPPER EXPLOSION LIMIT: 7.0
AUTO IGNITION TEMP: 254° C LOWER EXPLOSION LIMIT: .8
SENSITIVITY TO CHEMICAL IMPACT: ND RATE OF BURNING: ND
EXPLOSIVE POWER: ND SENSITIVITY TO STATIC DISCHARGE: ND

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PPSP-00-0001.01

#300 SUBMARINE SEALER

SECTION IV - FIRE AND EXPLOSIVE DATA - CONTINUED

EXTINGUISHING MEDIA: FOAM, CARBON DIOXIDE, DRY CHEMICALS

SPECIAL FIRE FIGHTING PROCEDURES: USE OF A SELF-CONTAINED BREATHING APPARATUS IS RECOMMENDED FOR FIREFIGHTERS. WATER MAY CAUSE FROTHING. APPLY CAUTIOUSLY

UNUSUAL FIRE AND EXPLOSION HAZARDS: KEEP AWAY FROM SOURCES OF IGNITION
FLAMMABILITY: YES UNDER WHAT CONDITIONS: CLASS B, DIV. 3

SECTION V - REACTIVITY DATA

STABILITY: STABLE

CONDITIONS TO AVOID: HEAT, SPARKS, FLAMES

INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDIZERS

HAZARDOUS DECOMPOSITION AND COMBUSTION PRODUCTS: CARBON DIOXIDE, CARBON MONOXIDE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

CONDITIONS TO AVOID: NA

SECTION VI - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: INHALATION - SKIN - INGESTION

CHRONIC EFFECTS OF EXPOSURE: NONE KNOWN

EFFECTS OF OVEREXPOSURE:

ACUTE:

SKIN: PROLONGED/REPEATED CONTACT MAY CAUSE IRRITATION.

EYES: MAY CAUSE IRRITATION, BLURRED VISION.

INHALATION: EXCESSIVE BREATHING OF HIGH VAPOR CONCENTRATIONS CAN CAUSE NASAL AND RESPIRATORY IRRITATION, DIZZINESS, NAUSEA, POSSIBLE UNCONSCIOUSNESS AND EVEN ASPHYXIATION.

INGESTION: CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, DIARRHEA.

EMERGENCY AND FIRST AID PROCEDURES:

SKIN: WASH WITH SOAP AND WATER.

EYES: FLUSH WITH LARGE AMOUNTS OF WATER.

INHALATION: REMOVE PERSON FROM AFFECTED AREA. IF BREATHING IS DIFFICULT, ADMINISTER OXYGEN. IF BREATHING HAS STOPPED, GIVE ARTIFICIAL RESPIRATION.

INGESTION: DO NOT INDUCE VOMITING. SEEK MEDICAL ATTENTION IMMEDIATELY.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: PRE-EXISTING LUNG AND SKIN DISORDERS.

#303 SUBMARINE SEALER

SECTION VI - HEALTH HAZARD DATA - CONTINUED

CARCINOGENICITY: NO

LD50 OF PRODUCT: ND

LC50 OF PRODUCT: ND

IRRITANT? NO

SENSITIZER? NO

SYNERGISTIC MATERIALS: NA

REPRODUCTIVE EFFECTS: NO TERATOGENIC: NO MUTAGENIC: NO

SECTION VII - PREVENTIVE MEASURES, SAFE HANDLING AND USE

LEAK AND SPILL PROCEDURES: DIKE SPILL AREA. RECOVER FREE LIQUID. ADD ABSORBENT TO SPILL AREA. REMOVE SOURCES OF IGNITION. VENTILATE AREA, IF NECESSARY.

WASTE DISPOSAL METHOD: DISPOSE OF ACCORDING TO FEDERAL, STATE, AND LOCAL REGULATIONS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: KEEP AWAY FROM SOURCES OF IGNITION. USE ONLY WITH ADEQUATE VENTILATION. AVOID PROLONGED/REPEATED CONTACT WITH SKIN.

OTHER: KEEP OUT OF THE REACH OF CHILDREN!!!

SECTION VIII - CONTROL MEASURES/PROTECTION INFORMATION

VENTILATION: AS NECESSARY TO MAINTAIN EXPOSURE BELOW TLV LEVEL
RESPIRATORY PROTECTION: NOT NORMALLY NEEDED IN WELL VENTILATED AREA.
IF TLV IS EXCEEDED, A NIOSH, MSHA APPROVED BREATHING APPARATUS IS RECOMMENDED.

PROTECTIVE GLOVES: SOLVENT RESISTANT

EYE PROTECTION: CHEMICAL GOGGLES IF EYE CONTACT POSSIBLE

OTHER PROTECTIVE EQUIPMENT: AS NECESSARY

WORK/HYGIENIC PRACTICES: REMOVE CONTAMINATED CLOTHING. LAUNDER BEFORE REUSE.

SECTION IX - REGULATORY INFORMATION

REPORTABLE QUANTITY (MIN. UNDER ANY ACT): > 50,000 LBS. OR SHEEN
PRODUCED IF RELEASED TO NAVIGABLE WATER.

RCRA HAZARDOUS WASTE NO: (FED) D001

DOT PROPER SHIPPING NAME: ROOF COATING

#303 SUBMARINE SEALER - MSDS

SECTION IX - REGULATORY INFORMATION - CONTINUED

DOT HAZARD CLASS: (055)

IDENTIFICATION NO: NMFC ITEM NO. 170150

VOLATILE ORGANIC COMPOUNDS (VOC): 300 G/L MAX.

TDG CLASSIFICATION (CAN): NOT REGULATED

EXPORT CLASSIFICATION:

ABBREVIATIONS: NA = NOT APPLICABLE

ND = NOT DETERMINED

NE = NOT ESTABLISHED

WARNING: This product may contain chemicals known to the State of California to cause cancer or birth defects, or to be a reproductive toxin.

THE INFORMATION ACCUMULATED HEREIN IS BELIEVED TO BE ACCURATE BUT IS NOT WARRANTED TO BE, WHETHER ORIGINATING WITH THE COMPANY OR NOT. RECIPIENTS ARE ADVISED TO CONFIRM IN ADVANCE OF NEED THAT THE INFORMATION IS CURRENT, APPLICABLE, AND SUITABLE TO THEIR CIRCUMSTANCES.